

CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWING INCLUDING SIGN, COLOR, SIZE, PROPOSED LEGEND, IN ENOUGH DETAIL AND DETERMINE NEW SPACING AND OTHER INFORMATION REQUIRED BY SPECIAL PROVISIONS. CONTRACTOR TO VERIFY NEW SIGN LOCATIONS AND ORIENTATIONS WITH RESIDENT ENGINEER PRIOR TO INSTALLATION. SIGN SHALL BE FAA APPROVED LED TYPE SIGN.

AIRFIELD SIGNAGE SCHEDULE					
PROPOSED SIGN NUMBER	PROPOSED SIGN FACE	PROPOSED SIGN LEGEND	PROPOSED SIGN TYPE	PROPOSED SIGN LOCATION	
S1) (BASE BID)	NS	## 8 BLANK	3 0	STA. 14+23.50, 110' LT. CENTERLINE RUNWAY 1/19	
(S2) (BASE BID)	E ¥	8 ===== B 19-1	2,4 2,1	STA 203+00.00, 100' RT. CENTERLINE TAXIWAY B	
(\$3) (BASE BID)	N S	8	2 2	STA 123+50.00, 72.5' RT. CENTERLINE TAXIWAY B	
S4 (BASE BID)	E W	8 28 3 8 H	3,3,2,3 0	STA 195+60.00, 75.6° RT. CENTERLINE TAXIWAY E	
S5 (ADD. ALT. 2)	N S	ВГ∀ИК Э ╾	0 3	STA. 33+20.40, 110' LT. CENTERLINE RUNWAY 1/19	
S6 (ADD. ALT. 2)	NS	◆■ 3 BLANK	3 0	STA. 36+22.90, 110' LT. CENTERLINE RUNWAY 1/19	
\$7) (ADD. ALT. 2)	E ₩	3 ==== E 19-1	2,4 2,1	STA 197+00.00, 100° LT. CENTERLINE TAXIWAY E	
(S8) (BASE BID)	N S	Blank ⊕£8	3,2,3 0	STA 135+92.90, 99.11' RT. CENTERLINE TAXIWAY B	
S9 (BASE BID & ADD. ALT. 3)	e W	BF∀NK ■B 3 E B B	0 3,2,3,3	STA 192+87.00, 77.80' LT. (BASE BID) STA 192+40.00, 99.93' LT. (AA3) CENTERLINE TAXIWAY B3	
(BASE BID & ADD. ALT. 3)	N S	B B3 ■ ■ ■ EFANK	0 3,2,3	STA 133+26.01, 85.01' LT. (BASE BID) STA 132+72.90, 99.11' LT. (AA3) CENTERLINE TAXIWAY B	

--- PROPOSED 3" CONCRETE ENCASED PVC CONDUIT. (SEE NOTE 1) (EVEN WITH DEFINED TAXIWAY DEFINED TAXIWAY FDGE PROPOSED ELEVATED RG

ELEVATED LED ROL LAYOUT DETAIL (TYP)

FRANGIBLE COUPLING AND DISSCONNECT PLUG L-823 PRIMARY CABLE CONNECTORS WITH HEAT SHRINK TUBING (TYP.) HEAT SHRINK (TYP.) L-867 BASE, SIZE B. 24" DEEF 1/C #8 5000V, L-824-TYPE C CABLE IN 3/4" UNITDUCT (TYP.) -L-830 ISOLATION TRANSFORMER (SEE NOTE 2) 3/4" DIA. x 10' LONG → COPPER CLAD GROUND UNIT DUCT SHALL BE TERMINATED INSIDE THE LIGHT BASE AND SEALED WITH HEAT SHRINK AS SPECIFIED ROD (SEE GENERAL NOTE 10) 3" # CONCRETE ENCASED PVC CONDUIT TO EDGE OF PAVEMENT (SEE NOTE 3) 3/4" PVC DRAINPIPE--

INSTALLATION OF ELEVATED LED ROL (TYP)

6" SAND CUSHION - COMPACTED

FILTER FABRIC-

- USE 3° PVC SCH 40 PVC, CONCRETE ENCASED UNDER PAVED AREAS.
- PULL BACK EXISTING RGL CIRCUIT PRIOR TO REMOVAL OF EXISTING RGLS.
 REINSTALL EXISTING (2) 1/C #8, 5KV IN 3/4" UNIT DUCT IN NEW 3" CONDUIT.
- ELEVATED RUNWAY GUARD LIGHTS SHALL BE APPROVED FAA L-804 LED TYPE AS MANUFACTURED BY SIEMENS OR APPROVED EQUAL.

L-830 ISOLATION TRANSFORMER SHALL BE SIZED FOR LED TYPE RGL, AS RECOMMENDED BY THE MANUFACTURER.

RO016



Chicago Rockford International Airport



Rockford, Illinois

Greater Rockford Airport Authority

AIP: 3-17-0088-XX RFD-3862

Rehab. Txy B South (Phase 1)

Revisions				
	Date	Description		
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THIS BAR IS EQUAL TO 1" AT FULL SCALE (17 X 11).				
DE	SIGN BY:	CMT- RFD		
DR	AWN BY:	CMT- RFD		
СН	ECKED BY	: CMT- RFD		
AP	PROVED B	Y: JGP		
DA	TE:	1-23-2009		
JOI	B No:	06258-04-00		

ELECTRICAL DETAILS - 1 (ELD1)

28

SHEET 28 OF 52 SHEETS

PROPOSED SIGN TYPE LEGEND

- 4--- RUNWAY APPROACH AREA BOUNDARY SIGN BLACK LEGEND ON YELLOW BACKGROUND

NOTE:

PROPOSED GUIDANCE SIGNS PANEL SIZE WILL BE BASED ON THE MANUFACTURERS RECOMENDATION.

GENERAL NOTES:

- THE CONCRETE BASE FOR BASE MTD. LIGHTS SHALL BE TROWEL FINISHED WITH A 45° BEVELED EDGE. SLOPE TO DRAIN (610).
- 2. TRANSFORMER HOLDER SHALL BE ANY COMMERCIALLY AVAILABLE BRICK.
- BREAKING GROOVE COUPLINGS SHALL NOT BE OVER 1" ABOVE GROUND LINE.
- ISOLATION TRANSFORMERS COME WITH A FACTORY INSTALLED PLUG (TYPE 1. SOLATION TRANSFORMERS OWNER WITH A PACTORY TRANSLED FLOW (THE CLASS A, STYLE 2) AND RECEPTACLE (TYPE 1, CLASS A, STYLE 9). A TYPE 1, CLASS B, STYLE 3 PLUG AND TYPE 1, CLASS B, STYLE 10 RECEPTACLE SHALL BE INSTALLED ON THE 1/C, No. 8, 5000 V., L-824 TYPE C CABLES FOR CONNECTION TO EACH TRANSFORMER.
- TO FURTHER REDUCE THE POSSIBILITY OF WATER/MOISTURE ENTRANCE INTO THE CONNECTOR BETWEEN THE CABLE AND THE FIELD ATTACHED CONNECTOR, IT IS REQUIRED THAT A HEAT SHRINKABLE TUBING WITH INTERNAL ADHESIVE BE APPLIED OVER THE ENTIRE CABLE CONNECTOR.
- ALL SIGNS, LIGHTS, CABLES AND TRANSFORMERS TO BE REMOVED SHALL REMAIN THE PROPERTY OF THE AIRPORT. AT THE DISCRETION OF THE AIRPORT DIRECTOR, THE CONTRACTOR MAY BE REQUIRED TO DISPOSE OF THESE MATERIALS OFFSITE AT NO ADDITIONAL COST.
- TAXIWAY LIGHTS SHALL HAVE A BLUE LENS, RUNWAY LIGHTS SHALL HAVE A CLEAR OR 180° AMBER/CLEAR LENS AS DESIGNATED ON PLANS.
- DUCT MARKERS SHALL BE INSTALLED AT EVERY NEW DUCT AND AT EVERY EXISTING DUCT USED FOR THIS PROJECT.
- CONTRACTOR SHALL HAVE THE OPTION TO TRENCH OR PLOW UNIT DUCT. NO ADDITIONAL PAYMENT SHALL BE MADE FOR TRENCHING.
- 10. INSTALL 1/C #6 AWG BARE COPPER GROUND JUMPER CONNECTED TO GROUND LUG INSIDE BASE CAN AND EXOTHERMICALLY WELDED TO GROUND ROD. INSTALL GROUND